

FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV 01-2003)		ATTORNEY'S DOCKET NUMBER: 101249.55749US U.S. APPLICATION NO. (if known, see 37 CFR 1.5)
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		
INTERNATIONAL APPLICATION NO. PCT/JP03/07891	INTERNATIONAL FILING DATE 20 June 2003 (20.06.2003)	PRIORITY DATE CLAIMED 21 June 2002 (21.06.2002)
TITLE OF INVENTION MEMS ARRAY, MANUFACTURING METHOD THEREOF, AND MEMS DEVICE MANUFACTURING METHOD BASED ON THE SAME		
APPLICANT(S) FOR DO/EO/US Mitsuhiko YUASA		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached herewith. b. <input type="checkbox"/> has been previously submitted under 35 USC 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) 10. <input type="checkbox"/> An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Item 11. to 20. below concern other document(s) or information included:		
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 USC 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC 154(d)(4) 20. <input checked="" type="checkbox"/> Other items or information: <ol style="list-style-type: none"> a. PCT/IB/308 b. Substitute Sheets of Amended Claims under Art. 34 c. Twenty-one (21) sheets of drawings showing Figures 1-36 		

U.S. APPLICATION NO. (if known, see 37 CFR 1.5 10/518642	INTERNATIONAL APPLICATION NO. PCT/JP03/07891	ATTORNEY'S DOCKET NUMBER 101249.55749US		
21. The following fees are submitted:		CALCULATIONS PTO USE ONLY \$		
<input type="checkbox"/> a) Basic national fee..... \$300.00 <input type="checkbox"/> b) Examination fee..... \$200.00 <input type="checkbox"/> c) Search fee..... \$500.00				
TOTAL OF ABOVE CALCULATIONS = \$1000.00		\$1,000.00		
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra sheets	Number of each add'l 50 or fraction thereof (round up to a whole number)		
41- 100 =	/50 =	x \$250.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$		
Claims	Number Filed	Number Extra	Rate	
Total Claims	23 - 20 =	3	X \$50.00	\$ 150.00
Independent Claims	8 - 3 =	5	X \$200.00	\$1,000.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360.00	\$	
TOTAL OF ABOVE CALCULATIONS =		\$ 2,150.00		
<input type="checkbox"/> Applicant claims Small Entity Status. See 37 CFR 1.27. The fees indicated above are reduced by ½.		\$		
SUBTOTAL =		\$2,150.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		\$		
TOTAL NATIONAL FEE =		\$2,150.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +		\$		
TOTAL FEE ENCLOSED =		\$2,150.00		
		Amount to be: refunded	\$	
		Charged	\$	
a. <input checked="" type="checkbox"/> A check in the amount of <u>\$ 2,150.00</u> to cover the above fees is enclosed b. <input type="checkbox"/> Please charge my Deposit Account No. <u>05-1323</u> (Attorney Docket No. ==) in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment to Deposit Account No. <u>05-1323</u> (ATTORNEY DOCKET NO. <u>101249.55749US</u>) A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.				
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to review (37 CFR 1.47(a) or (b)) must be filed and granted to restore the application to pending status.				
SEND ALL CORRESPONDENCE TO:		SIGNATURE		
Crowell & Moring, LLP		Herbert I. Cantor		
Intellectual Property Group		NAME		
P.O. Box 14300		24,392		
Washington, D.C. 20044-4300		REGISTRATION NUMBER		
Tel. No. (202) 624-2500		December 20, 2004		
Fax No. (202) 628-8844				
HIC:kms 352675v1		DATE		